

HAYKHLIN, Z.

Labor organization in regular maintenance work. Sots. trud 6  
no. 2:75-79 F '61. (MIRA 14:2)  
(Sverdlovsk Province--Lumbering--Machinery)  
(Perm Province--Lumbering-machinery)

YERAKHTIN, Dmitriy Dmitriyevich, dots., kand. tekhn. nauk; GOKHMAN,  
Shlema Moiseyevich, kand. tekhn. nauk; DVINYANINOV, Vistor  
Nikolayevich, st. prepodavatel'; ZAYTSEV, Pavel Alekseyevich,  
inzh.; LOPATIN, Anton Venediktovich, dots.; ORLOV, Nikolay  
Mikhaylovich, inzh.; STRATANOVICH, Nikolay Nikolayevich, inzh.;  
STRIGANOV, Nikolay Ignat'yevich, inzh.; TIKHONOV, Nikolay  
Prokop'yevich, dots., kand. tekhn. nauk; RAYKHLIN, Zaliman  
Tanfilovich, st. prepodavatel'; BELOV, Aleksandr Yemel'novich,  
dots.; RESHETNIKOV, N.S., dotsent, retsenzent; BABUSHKIN, I.N.,  
red.; PITERNAN, Ye.L., red.izd-va; PARAKHINA, N.L., tekhn. red.

[Repair of lumbering and forestry machinery] Remont lesozagotovitel'nykh i lesokhoziaistvennykh mashin. By D.D.Erakhtin i dr.  
Moskva, Goslesbumizdat, 1961. 436 p. (MIRA 15:2)

1. Kafedra remonta Moskovskogo lesotekhnicheskogo instituta  
(for Reshetnikov).  
(Forests and forestry—Equipment and supplies)  
(Lumbering—Machinery)

POZNYAK, E.L., kand.tekhn.nauk; RAYKHLINA, B.B., inzh.

Determination of the critical rotational speed of high-speed  
electrical machines, Vest. elektroprom. 32 no.7:10-16 Jl '61.  
(MIRA 14:10)  
(Electric machinery)

S/196/61/000/011/024/042  
E194/E155

AUTHORS: Poznyak, E.L., and Raykhлина, B.B.

TITLE: Determination of critical speeds of high-speed  
electrical machines

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,  
no.11, 1961, 4, abstract III 27. (Vestn. elektroprom-  
sti, no.7, 1961, 10-16)

TEXT: The article describes a method of calculating critical  
speeds allowing for the elasticity and mass of the frame and  
support structures. The method is based on numerical integration  
of the differential equation of oscillation of a beam using a  
digital computer. Examples are given of calculations with  
allowance for the elasticity of ball-bearings. Experimental  
results are given.  
5 illustrations. 5 literature references.

[Abstractor's note: Complete translation.]

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✓

KUCHMA, Dmitriy Petrovich [deceased]; RAYKHLINA, F.F.; GURVICH, F.G.,  
red. izd-va; FOMICHEV, P.M., tekhn. red.

[Commercial arithmetic] Khoziaistvennye vychisleniya. Izd.2. Mo-  
skva, Izd-vo TSentrosoiuza, 1961. 203 p. (MIRA 14:9)  
(Arithmetic, Commercial)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

RAYKHMAN, A. B.

"Deforming Osteoarthroses in Caisson Disease."

Klinicheskaya Meditsina, (Clinical Medicine), 1941, Vol XIX, No 7-8

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

RAYKHMAN, A.Z.

Methods for measuring the dimensions of defects in welded joints.  
Zav. lab. 29 no.10:1186-1188 '63. (MIRA 16:12)

1. Ural'skoye otdeleniye Gosudarstvennogo tresta po organizatsii  
i ratsionalizatsii rayonnykh elektrostantsiy i setey.

RAYKHMAN, A.Z., inzh.; Prinimal uchastiye: BELOV, G.D., inzh.

Use of an ultrasonic flaw detection technique in checking the  
thinning of pipe walls. Elek.sta. 34 no.2:37-40 F '63.

(MIRA 16:4)

(Pipelines--Testing) (Steampipes--Testing)

LEYFEROV, Mikhail Yakovlevich; RAYKHMAN, D.A., redaktor; SMIRNOV, L.V.,  
redaktor; NADINSKAYA, A.A., tekhnicheskiy redakte.

[High-pressure overhead, sinking pump] Vysokonapornyi pedvesni  
prokhodcheskii nasos VP-2. Moskva, Ugletekhizdat, 1956. 16 p.  
(Centrifugal pumps) (MIRA 9:5)

RAYKHMAN, E., inzh.

Vibratory hoppers are universal feed mechanisms. NTO no.6:38  
Je '59. (MIRA 12:9)

1.Chlen nauchno-tehnicheskogo obshchestva priborostroiteley.  
(Machine tools--Attachments)

KHAYKIN, S. B.; RAYKHMAN, I. Ye.

They write to us. Transp. stroi. 13 no.3:62 Mr '63.  
(MIRA 16:4)

1. Nachal'nik mostopcyezda No. 421 tresta po stroitel'stvu  
mostov Glavmostostroya Ministerstva transportnogo stroitel'stva  
SSSR, (for Khaykin). 2. Nachal'nik tsekha zhelezobetonykh  
konstruktsiy kombinata podsobnykh predpriyatiy Yuzhuraltrans-  
stroya (for Raykhman).

(Construction industry)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

SIMOLYANSKIY, R.Ye.; GUREVICH, V.M.; RAYKHLIN, A.M.; LUKASEVICH, M.I.

Investigation of the industrial etching of the surface of  
monocrystalline germanium before fusing indium into it. Zhur.  
tekhn.fiz. 28 no.10:2135-2141 O '58. (MIRA 11:12)  
(Germanium--Etching)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

24(6)

SOV/57-28-10-6/40

AUTHORS:

Smolyanskiy, R. Ye., Gurevich, V. M., Raykhlin, A. M.,  
Lukasevich, M. I.

TITLE:

Investigation of the Industrial Etching of the Surface of Mono-crystalline Germanium Previous to Fusing With Indium  
(Issledovaniye promyshlennogo travleniya poverkhnosti monokristallicheskogo germaniya pered vplavleniyem v nego indiya)

PERIODICAL:

Zhurnal tekhnicheskoy fiziki. Vol 28, # 10, pp 2135-2141 (USSR)

ABSTRACT:

This is an investigation of the industrial etching of germanium after cutting and polishing. It was carried out by means of electron diffraction analyses (as suggested by the authors of reference 1) and by means of micrographs. The results are as follows: 1) It is possible to advance an eventual mechanism of the etching of germanium in an alkaline agent, for which an optimum composition is given:  $8 \div 10 \text{ cm}^3$  25% NaOH per  $1000 \text{ cm}^3$  30%  $\text{H}_2\text{O}_2$ . 2) It was found that a film of  $\text{GeO}_2$  remains on the germanium surface after etching in an alkaline agent, which does not dissolve. It is, however, easily removable by rinsing the etched germanium in hot distilled water. 3) In order to in-

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SOV/27-2 - 10-6/40

on etigation of the Industrial Etching of the Surface of Monocrystalline  
germanium Previous to Fusing With Indium

crease the efficiency of the etching process it is recommended  
to rinse the germanium samples between subsequent etching  
treatments. 4) When germanium is sawed through with steel saw  
blades a disturbed layer results with a thickness of 90  $\mu$ .  
5) Considerations are presented bearing on the difference in  
the absorption capability of germanium surfaces etched with  
alkaline agents and of such etched with adhesive agents. A  
treatment with the latter results in an increase of the proba-  
bility of a physical sorption of gases. The existence of ions  
promotes the sorption of moisture. 6) Recommendations are pre-  
sented concerning the choice and the uniformity of etching  
processes of the source germanium and of the finished p-n junc-  
tions with respect to the type of apparatus which is to in-  
corporate the transistors.

The electron diffraction unit of the Institut kristallografii  
AN SSSR (Institute of Crystallography AS USSR) in the laborato-  
ry of Professor Z. G. Pinsker was used for the electron diffrac-  
tion analyses. There are 10 figures, 1 table, and 5 references,  
4 of which are Soviet.

Cara 2/3

SOV/pT-28-10-6-46

Investigation of the Industrial Etching of the Surface of Monocrystalline Germanium Previous to Fusing with Tin

DRAFTED: December 17, 1957

Data 5/5

KERZNER, Ya.M.; RAYKHLIN, A.P.

Working conditions at electric substations of the Moscow Ryazan railroad. Gig.i san. no.5:50 My '54. (MLRA 7:5)

1. Iz sanitarno-gigiyenicheskoy laboratorii Moskovsko-Ryazanskoy zheleznoy dorogi. (Electric substations--Sanitation)  
(Mercury--Toxicology)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

1949-1950

1950

Vodcettel i Vysushye Tchni. Tekstil. zavod', 1949, No. 3, S. 21-32

30: 1. 40. 11. 10. 34

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

RAY K.L., F. I.

27190 RAY K.L., F. I. -Vedottalkivayus chie Tekstil. from-St: 1949, No. 8,  
S. 21-24.

SC: Lopis' Journal'kh Statey, Vol. 36, 1949.

RAYKHLIN, F.I., kand.tekhn.nauk

Imparting antifelting properties to woolen fabrics.  
Tekst.prom. 20 no.5:47-50 My '60. (MIRA 13:8)  
(Woolen and worsted manufacture)  
(Textile finishing)

RAYKHLIN, F.I.  
RAYKHLIN, F.I.

USSR

*Capron fiber. F. I. Raykhlin, Tikhil, Prom. 15, No. 4,  
1959 (1960).* Capron fiber (1) is characterized by high  
tenacity, low hygroscopicity, low thermostability, and  
almost complete lack of lateral swelling. It is light- and  
weather-sensitive, losing 20% of its tenacity after 30 days'  
exposure in summer. Tenacity and abrasion resistance of  
woolen fabrics contg. 10, 20, or 30% of I are much higher;  
their hygroscopicity, moisture content, and weather resist-  
ance are lower than those of pure wool. Finishing these  
fabrics with Stearox 6 (50 g./l.) increases by 5-10%, their  
hygroscopicity and moisture content, impairing a soft hand  
and elasticity to the fabric. Eilisabeth Baydash

RAYKHLIN, F.I., kand.tekhn.nauk; ANTONOVA, M.I., inzh.

Continuous method of boiling-off and scouring suiting material.  
Tekst.prom. 17 no.10:43-45 O '57. (MIRA 10:12)

1.Kuntsevskaya fabrika.  
(Woolen and worsted manufacture)  
(Textile finishing)

RAYKHLIN, F. I., kandidat tekhnicheskikh nauk; GONCHARENKO, A. A.

Improved finish for dress worsteds. Tekst.prom.15 no.9:21-22 S'55.  
(MLRA 8:11)

1. Glavnyy inzhener Rostokinskoy fabriki (for Goncharenko)  
(Woollen and worsted manufacture) (Textile finishing)

H. R. H. A. A., F. I.

SIMIGIN, P.A.; ZUSMAN, M.N.; RAYKHLIN, V.I.; ROGOVAYA, I.V., redaktor;  
GORDON, N.B.; retsenzent; PETRZHIK, G.G., retsenzent; MEDVEDEV,  
L.Ya., tekhnicheskiy redaktor.

[Protective impregnation of textile fabrics] Zashchitaye prepitki  
tekstil'nykh materialov. Pod red. I.V. Regevei. Moskva, Gos. nauchno-  
tekhn. izd-vo M-va legkoi promyshl. SSSR. 1957. 298 p.

(MLRA 10:6)

(Textile finishing)

RAIKHILIN, F. I.

Use of cationic soaps. A. I. Matetskii and F. I. Rakhilin, *Tekstil. Prom.* 1941, No. 5, 35-6; *Chem. Zentr.* 1943, I, No. 4, 463.—Cationic soaps were prep'd. from cetyl and octodecyl ales. and mixts. of high-mol. ales. produced from cottonseed oil and seal oil. The following compds. were used as bases: pyridine, pyridine bases (b. p. 142-53°), trimethylamine, diethylamine. Expts. in the washing of wool and dyeing of cotton- and half-wool material showed cationic soaps are valuable products, and their use in the dyeing and finishing of fiber is desirable.

Sonya G. Machelson

~~RAYKHLIN, F.I.~~

RAYKHLIN, F.I.

2

✓ Use of caproic fibres. F. I. Raiklin. (*Text. Ind.*, Moscow, 1955, 15, No. 4, 40-42).—The caproic fibre is characterized by high tensile strength, low hydroscopicity and thermal stability, and almost complete absence of swelling. It is sensitive to light and loses up to 30% of its original strength on exposure to daylight for 30 days. The tensile strength and resistance to abrasion of fabrics from wool and varying amounts of "Capron" (10, 20 and 30%) are considerably higher and their hydroscopicity, moisture content and stability to light lower, than in similar pure-wool fabrics. Finishing of the fabric by impregnation with Stearox 6 (30/g./l.) increases the original hydroscopicity and moisture content by 8-10%, and imparts softness and elasticity. J. Text. Inst. (R.B.C.).

PM  
2002

RAYKHLIN, F.I., kandidat tekhnicheskikh nauk; STOLYAR, O.M., inzhener.

Continuous method of scouring and washing worsted fabrics. Tekst.  
prom. 16 no.9:35-36 S '56. (MLRA 9:12)  
(Woolen and worsted manufacture)

MILETSKIY, A.M., arkhitektor; RAYKHLIN, I.S., inzhener.

Precast concrete construction elements for buildings  
belonging to the highway system. Avt.dor. 18 no.2:10-12  
Mr-Ap '55. (MLRA 8:6)  
(Buildings, Prefabricated)

KOROBOKHIN, I.V., kand. tekhn. nauk; RAYKHLIN, Kh.M., inzh.

New method for automatic recording of the mechanical work of  
tractor engines. Mekh. i elek. sots. sel'khoz. 21 no.1:20-23  
'63. (MIRA 16:7)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut.  
(Tractors—Engines)

RAYKHLIN, Kh.M.; FEDOROVA, G.R.

Hydrometer for measuring moisture content of grain. Biul.  
tekhn.-ekon.inform. no.2:62-64 '60. (MIRA 13:6)  
(Hydrometer)

RAYKHLIN, M.V., inzh.

Using mechanization equipment in preparing the production in metal-construction shops. Vest.mashinostr. 43 no.9:74-78 S '63.  
(MIRA 16:10)

OU BAO-SYAN [Ou Pao-hsiang]; RAYKHLIN, N.T. (Moskva, k-9, Petrovka, 19,  
kv. 13)

Changes in some oxidation-reduction enzymes in inflammatory  
excrescences of the skin. Arkh. anat., gist. i embr. 44 no.6:  
93-96 Je '63. (MIRA 17:7)

1. Laboratoriya khimicheskikh kantserogennykh veshchestv (zav. -  
doktor med. nauk Yu.M. Vasil'yev) otdela po izucheniyu kantsero-  
gennykh veshchestv (zav. - deystvital'nyy chlen AMN SSSR prof. L.  
M. Shabad) i laboratoriya patomorfologii (zav. - dotsent I.A.  
Avdeyeva) Instituta eksperimental'noy i klinicheskoy onkologii  
AMN SSSR, Moskva.

RAYKHLIN, N.T.

Myocardial changes in pulmonary embolism. Arkh. pat., Moskva 15 no.3:  
61-66 May-June 1953. (CIML 25:1)

1. Student. 2. Of the Department of Pathological Anatomy (Head --  
Academician A. I. Abrikosov), First Moscow Order of Lenin Medical Institute.

RAYKHLIN, N.T.

Scientific Session of Patho-Anatomists and Experts in Forensic Medicine of  
the Karaganda Society of Physicians. Arkh.pat. 15 no.4:91 Jl-Ag '53.  
(MIRA 6:11)

(Karaganda--Medical jurisprudence) (Medical jurisprudence--Karaganda)  
(Karaganda--Medical societies) (Medical societies--Karaganda)

RAYKHLIN, N.T., SIMAKOVA, R.A.

In the morphology committee of the Academy of Medicine of the  
U.S.S.R. Arkh.pat. 18 no.2:139-142 '56 (MIRA 11:10)  
(HISTOCHEMISTRY)

RAYKHLIN, N.T.

Problems in oncology at the tenth session of the Academy of Medical Sciences of the U.S.S.R. Arkh.pat. 18 no.5:114-124 '56. (MLRA 9:12)  
(TUMORS)

RHYTHMIA, N.F. EXCERPTA MEDICA Sec 11 Vol.11/9 O.R.L. Sep 58

1738. LOCALIZED FORM OF RENDU-OSLER'S DISEASE (Russian text)- Ra<sup>y</sup>kn-  
lin N. T. - ARKH. PATOL. 1957, 19/8 (79-83) Illus. 4

The case of a 20-year-old woman is reported. She was admitted to the clinic with a severe haemorrhage from the left nostril, which could be stopped only incompletely and reappeared daily; ligature of the left external carotid artery was also unsuccessful. A severe anaemia developed. Notwithstanding several blood transfusions, the patient died. The mucosa of the left rhinopharynx was found to be markedly sclerotic and practically devoid of epithelium; large vascular sinusoids, covered with endothelium and without elastic fibres, were present here and there; infiltration with small cells was an accompanying phenomenon. The case was regarded as a localized form of Rendu-Osler's disease, based on a faulty development of the mesenchyme.

(V, 11)

Ch. Pathol. Anatomy, I Moscow O.L.

Med Anat. in I.M. Sicharov

RAYFELIN, N. F., Cand. Med. Sci -- (diss.)~~RAY~~ "On the pathological  
anatomy and etiopathogenesis of pneumoconiosis." No. 1958, 17 pp  
(First Nos Order of Lenin Med Inst im I.M. Sechenov) 20-ies  
(KL, 27-56, 11c)

- 218 -

LEVENSON, V.I.; VOLGAREV, M.N.; RAYKHLIN, N.T. (Moskva)

"Pseudomembranous" colitis in biomycin therapy. Klin.med. 36  
no.2:61-67 F '58. (MIRA 11:4)

1. Iz kafedry patologicheskoy anatomii (zav. - chlen-korrespondent  
AMN SSSR prof. A.I.Strukov) I Moskovskogo ordena Lenina meditsin-  
skogo instituta imeni I.M.Sechenova.

(CHLORTETRACYCLINE, inj.eff.  
colitis, pseudomembranous (Rus))  
(COLITIS, etiol. & pathogen.  
chlortetracycline causing pseudomembranous colitis (Rus))

RAYKHLIN, N.T.

Pathology of pneumoconiosis among Karaganda Basin coal miners.  
Bor'ba s sil. 4:35-41 '59. (MIRA 12:11)

1. 1-y Moskovskiy ordena Lenina meditsinskiy institut im. I.M.  
Sechenova.  
(KARAGANDA BASIN--LUNGS--DUST DISEASES)

RAYKHLIN, N.T. (Moskva)

Data on the characteristics of pneumoconiosis among Karaganda  
Basin coal miners. Gig.truda i prof.zab. 3 no.4:48 J1-4g  
'59. (MIRA 12:11)

1. Kafedra patologicheskoy anatomii I Moskovskogo ordena Lenina  
meditsinskogo instituta imeni I.M.Schenova.  
(KARAGANDA BASIN--COAL MINERS--DISEASES AND HYGIENE)  
(LINGS--DUST DISEASES)

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CIA-RDP86-00513R001444410013-9

RAYEHLIN, N.T., kand.med.nauk (Moskva)

Symposium on connective tissue. Arkh.pat. 21 no.1:74-78 '59.  
(MIREA 12:1)

(CONNECTIVE TISSUE)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

RAYKHLIN, N. T., VAIJI YEV, YU. N.

"A Histochemical Investigation of the Activity of Certain Respiratory Enzymes in Connective Tissue Cells, Normally, During Inflammation, and in the Process of the Development of Experimental Sarcoma."

report submitted for the First Conference on the problems of Cyto and Histochemistry, Moscow, 19-21 Dec 1960.

Laboratory of Pathomorphology and Laboratory on the Study of Carcinogenic Substances of the Institute of Experimental and Clinical Oncology, Academy of Medical Sciences USSR, Moscow.

RAYKHLIN, N.T.; SHNAYDMAN, I.M.

Histochemical study of the oxidation-reduction enzymes in experimental silicosis. Biul. eksp. biol. i med. 60 no. 10:112-116  
(MIRA 19:1)  
O '65

1. Kabinet gistokhimii ( zav. - kand. med. nauk N.T. Raykhlin) odela patologicheskoy anatomii opukholey cheloveka zav. - deystvitel'nyy chlen AMN SSSR prof. N.A. Krayevskiy, instituta eksperimental'noy i klinicheskoy onkologii (direktor - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin) AMN SSSR i kliniko-issledovatel'skogo instituta gigiyeny truda i professional'nykh zabolеваний (direktor - kand. med. nauk Z.K. Tulegenov), Karaganda.  
Submitted April 10, 1964.

CHIKAN SHNOL', A.A.; OSTRAVSKAYA, V.M.; RAYKHLIS, N.P.

Synthesis, properties, and use in histochemistry of tetra-  
zolium salts with electron-acceptor substituents. Trudy  
TREA no.25;139-142 '63. (MIRA 18:6)



RAYKHLIN, N.T.; IVANOVA, S.N.; BRODSKIY, V.Ya.

Histochemical study of the enzymes in the diploid and polyploid  
cells of the liver. Biul. eksp. biol. i med. 59 no.6:110-113  
(MIRA 18:6)  
Je '65.

1. Kabinet gistokhimii (zav. - kand. med. nauk N.T. Raykhlin),  
otdel patomorfologii (zav. - deystvitel'nyy chlen AMN SSSR prof.  
N.A. Krayevskiy) Instituta eksperimental'noy i klinicheskoy onko-  
logii (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin)  
AMN SSSR i laboratoriya tsitologii (zav. - kand. biolog. nauk  
V.Ya. Brodskiy) Instituta morfologii zhivotnykh (ispolnyayushchiy  
obyazannosti direktora - prof. M.S. Mitskevich) AN SSSR, Moskva.

LEVITSKAYA, S.V.; IGNATOVA, M.S.; PREOBRAZHENSKAYA, K.N.; YERMOLIN, V.N.;  
KLENBOVSKIY, A.I.; RAYKHLIN, N.T.

Essential epitheliopathy with the megaloblastic anemia syndrome  
(congenital ectomesodermal dysplasia). Probl. gemat. i perel.  
krovi no.10:12-19 '63 (MIRA 18:1)

1. Iz kafedry pediatrii (zav. - prof. R.L. Gamburg) TSentral'nogo  
instituta usovershenstvovaniya vrachey, bol'nitsy imeni F.E.  
Dzerzhinskogo (glavnyy vrach A.N. Kudryashova), patomorfolog-  
cheskikh otdelov Instituta terapii i Instituta eksperimental'noy  
i klinicheskoy onkologii AMN SSSR.

KRAYEVSKIY, N.P. (L. Shva)

Possible ways of using histological methods in the diagnosis  
of tumors. Arkh. pat. 36 no.5:3-11 '64 (AMA 12:1)

1. Kabinet histologii (zav. - kand. med. nauk N.I. Rajdin) otdeleniia morfologii (zav. - deystvitel'nyy chlen AN SSSR prof. N.A. Krayevskiy) Instituta eksperimental'noi i klinicheskoy onkologii ( direktor - deystvitel'nyy chlen AN SSSR prof. N.N. Bichkin) AN SSSR.

RAYKLIN, N.T. (Moskva, K-9, Petrovka, 10, kv. 13)

Materials on the histochemical study of dehydrogenase and  
cytochrome oxydase in cancerous tissue. Vop. onk. 8  
no. 9:37-44 '62. (KIRA 17:6)

1. Iz laboratori patomorfologii trav., dotsent I.A. Avdeyeva  
Instituta eksperimental'noy i klinicheskoy onkologii AMN USSR  
(dir. deyavatel'nyy chlen AMN USSR, prot. N.N. Blokhin).

RAYKHLIN, N. T.

"Comparative histochemical investigation of changes in redox enzymes in virus, chemical and plastics cancerogenesis and in spontaneous malignancy of fibroblasts in Monolayer cultures."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt, 16-21 Aug 64.

Moscow.  
Inst of Experimental and Clinical Oncology, AMB USSR.

RATKINIAN, N.I.; KOTIAN, A.Zh.

Histochemistry of connective tissue capsules developing around  
plastic implants (polyvinyl films) in the process of malignization.  
(MIRA 17:4)  
Trudy I-MFI 16:265-277 '62.

Is is laboratoriya pat-morfologii (zav. - dotsent I.A. Avdeyeva)  
Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR  
(air. - deystvital'nyy chlen AMN SSSR prof. N.N. Blokhin) i kafedry  
patologicheskoy fiziologii (zav. - prof. S.M. Pavlenko) I Moskovskogo  
gigiena i sanitarno meditsinskogo instituta imeni Sechenova.

RAYKHLIN, N.T. (Moskva)

Changes in mitochondria and activity of the oxidation-reduction enzyme series during carcinogenesis and in tumors; histochemical research. Arkh. pat. 25 no. 7824-32 '63 (MIRA 16:12)

1. Iz laboratorii patomorfologii (zav. - doitsent I.A. Avdeyeva) otdela morfologii (zav. - deystvitel'nyy chlen AMN SSSR prof. N.A. Krayevskiy) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin) AMN SSSR.

KOGAN, A. Kh.; RAYKHLIN, N. T. (Moskva)

Dynamics of the morphological changes in the connective tissue capsules developing around plastic implants during the process of malignant degeneration. Arkh. pat. no.12:62-68 '61.  
(MIRA 15:7)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. S. M. Pavlenko) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova (dir. - chlen-korrespondent AMN SSSR prof. V. V. Kovanov) i laboratori patologicheskoy morfologii (zav. - dotsent I. A. Avdeyeva) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N. N. Blokhin)

(CANCER) (CONNECTIVE TISSUES) (PLASTICS IN MEDICINE)

MEYERSON, F. Z.; RAYKHLIN, N. T. (Moskva)

Some histochemical changes in the myocardium in compensatory hyperfunction of the heart. Arkh. pat. no. 7:36-41 '61.  
(MIRA 15:4)

1. Iz Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V. V. Parin) AMN SSSR i laboratorii patomorfologii (zav. - dotsent I. A. Avdeyeva)  
Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deystvitel'nyy chlen AMN SSSR prof. N. N. Blokhin) AMN SSSR.

(HEART) (DEHYDROGENASE)

RAYKHLIN, N. T.

Histochemical studies on diaphorase and succinic dehydrogenase  
in induced and transplanted hepatomas. Vop. onk. 7 no. 7:28-34  
'61. (MIRA 15:2)

1. Iz laboratorii patomorfologii (zav. - dots. I. A. Avdeyeva)  
Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR  
(dir. - deystv. chl. AMN SSSR prof. N. N. Blokhin)

(LIVER--CANCER) (SUCCINIC DEHYDROGENASE)  
(DIAPHORASE)

RAYKHLIN, N. T.; KOGAN, A. Kh.

Development and malignant degeneration of connective tissue capsules  
around plastic implants. Vop. onk. 7 no. 9:13-17 '61.  
(MIRA 14:12)

1. Iz laboratorii patomorfologii (zav. - dots. I. A. Avdeyeva)  
Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR  
(dir. - deystv. chl. AMN SSSR prof. N. N. Blokhin) i kafedry pato-  
logicheskoy fiziologii (zav. - prof. S. M. Pavlenko) 1-go Moskovskogo  
meditsinskogo instituta (dir. - chl.-korr. AMN SSSR prof. V. V.  
Kovanov). Adres avtorov: Moskva, L-110, 3-ya Meshchanskaya ul.,  
61/2, korpus 9. Institut eksperimental'noy i klinicheskoy onkologii  
AMN SSSR.

(CONNECTIVE TISSUES—TUMORS)  
(PLASTICS IN MEDICINE)

RAYKHLIN, N.T.

DPN-diaphorase, TPN-diaphorase, and succinic dehydrogenase in  
precancerous and cancerous tissues; histochemical studies.

Vop.onk. 7 no.3:41-48 '61. (MIR 14:5)  
(TUMORS) (DEHYDROGENASE)

BUKHANOVSKIY, I.; MITROFANOV, O.; RAYKHLIN, R.

Electronic device for solving problems. Mor.flot 19  
no.12:9-11 D '59. (MIRA 13:3)

1. Sotrudniki TSentral'nogo nauchno-issledovatel'skogo  
instituta ekonomiki i ekspluatatsii vodnogo transporta.  
(Electronics in navigation)

ALEKSEYEV, V.I., inzh.; RAYKHLIN, V.A., inzh.

Control of the condensate level and protection of compressors  
against hydraulic hammer in dry ice factories. Khol.tekh. 40  
no.6:45-47 N-D '63. (MIRA 17:4)

POZIVAK, E.L.; RAYEVSKA, B.

Using an analog computer in determining the characteristics of  
sliding bearings. Tren. i izm. v mash. no.18:11-33 '64  
(NIRA 18:1)

MEL'NIKOVA, F.M., inzh.; POZNYAK, E.L., kand.tekhn.nauk; RAYKHLINA, B.B.,  
inzh.; ROZENKNOP, V.D., inzh.

Use of automatic digital computers for determining the critical  
angular velocity of rotors with multiple supports in large  
turbogenerator units. Vest.elektroprom. 32 no.2:l-8 F '61.

(MIRA 15:5)

(Turbogenerators) (Electronic digital computers)

89807  
S/110/61/000/002/001/009  
E035/E517

9,7000

AUTHORS: Mel'nikova, F.M., Engineer, Poznyak, E.L., Candidate of Technical Sciences, Raykhлина, B.B., Engineer and Rozenknop, V.D., Engineer

TITLE: The Calculation of Critical Speeds of Large Turbo-Alternators with the Aid of Digital Computers

PERIODICAL: Vestnik elektropromyshlennosti, 1961, No.2, pp.1-8

TEXT: Two difficulties arise in the determination of critical speeds of large machines; firstly, that the values of the various constants to be used in the computation are not always accurately known; and, secondly, that for shafts with many rotating masses and bearings, the numerical computations become exceedingly lengthy. The authors have solved the second problem by using a computer. For large machines the analysis should take into account the 'elasticity' of the oil films in the bearings as well as the masses of the bearings and the elastic constants of their anchorages. These elastic constants are usually different in the horizontal and vertical directions. On the other hand, the analysis can assume that the shaft is everywhere truly circular, and may neglect forces along the shaft, and gyroscopic effects. The analysis depends on

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E035/E517

## The Calculation of Critical Speeds ....

finding two modes of oscillation of the stationary shaft in two independent directions (corresponding to the horizontal and vertical elastic constants of the bearings); then the critical speeds of the shaft will be equal to the frequencies of these two modes. The partial differential equation for a shaft in oscillation is:

$$\mu(x) \frac{\partial^2 y(x,t)}{\partial t^2} + \frac{\partial^2}{\partial x^2} \left[ EI(x) \frac{\partial^2 y(x,t)}{\partial x^2} \right] = 0, \quad (2)$$

where  $x$  is the distance along the shaft,  $\mu(x)$  is the mass/unit length of the shaft at point  $x$ ,  $EI(x)$  is the stiffness at point  $x$ ,  $y(x,t)$  is the deflection of the shaft at point  $x$  and time  $t$ . The general solution of Eq.(2) is of the form:

$$y(x,t) = y(x) \cos \Omega t \quad (3)$$

where  $\Omega$  is a critical frequency of speed. With this general solution we can derive an ordinary differential equation:

$$\frac{d^2}{dx^2} \left[ EI(x) \frac{d^2 y(x)}{dx^2} \right] - \mu \Omega^2 y(x) = 0. \quad (4)$$

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S/110/61/000/002/001/009

The Calculation of Critical Speeds... E035/E517

and, with the aid of the differential relations

$$\frac{dM}{dx} = V; \quad \frac{dy}{dx} = \theta, \quad (5)$$

where  $M$  is the bending moment;  $V$  is the shear force;  $\theta$  is the slope of the shaft, we can express Eq.(4) as two separate second-order differential equations:

$$\frac{d^2y}{dx^2} = \frac{d\theta}{dx} = \frac{M}{EI} \quad (6)$$

and

$$\frac{d^2M}{dx^2} = \frac{dv}{dx} = \mu \Omega^2 y. \quad (7)$$

The boundary conditions for the solution of these two equations can be expressed by considering the bearings at the end of the shaft; there are initially two unknowns at each end. From many possible methods of solution, the following was chosen: Eqs. (6) and (7) are

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The Calculation of Critical Speeds... E035/E517

approximated by finite difference expressions. A value of frequency  $\omega$  which is within the range being investigated, but is not, in general, equal to a critical frequency, is selected, and the equations are solved twice. For the first solution, one of the unknown boundary conditions at the left hand end of the shaft is given an arbitrary value of 1 and the other is made equal to 0. For the second solution, these boundary conditions are reversed. A linear combination of these two solutions is examined to see whether it satisfies the boundary conditions at the right hand end of the shaft. This will not, in general, be the case; for the boundary conditions will only be satisfied if  $\omega = \Omega$ . In general, therefore, a function  $\Phi(\omega)$ , which has the properties that

$$\Phi(\Omega) = 0, \text{ and } \Phi'(\Omega + \delta\Omega) \cdot \Phi'(\Omega - \delta\Omega) < 0$$

is calculated. Starting at the low end of the frequencies to be investigated, the equations are solved and  $\Phi$  calculated for steadily increasing values of  $\omega$ . The presence of a critical speed in the neighbourhood of the current value of  $\omega$  is detected by a change in the sign of  $\Phi'(\omega)$ . The exact value of the critical frequency can

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S/110/61/000/002/001/009

The Calculation of Critical Speeds.... EO35/E517

then be located by searching between the last two values of  $\omega$  with successively smaller increments or decrements in  $\omega$ . A root is found by one of two criteria: a) that  $|\Delta\omega| < \epsilon$ , or b) that  $|\Phi(\omega)| < \epsilon_1$ . In the actual example solved, the shaft is represented by a finite approximation consisting of a number of masses connected by a flexible but mass-less shaft. Using recurrence relations for variables such as the shear force and bending moment at the position of the  $i$ -th mass in terms of these variables at the  $(i-1)$ th mass, and the constants associated with the  $(i-1)$ th mass, the finite difference equations can be solved: for example, the recurrence relation for the shear force at the  $i$ -th mass is:

$$V_i = V_{i-1} + m_{i-1} y_{i-1} \omega^2 \quad (11)$$

where  $m_i$  is the mass of the  $i$ -th mass, and  $y_i$  is the deflection of the shaft at the  $i$ -th mass. The recurrence relationships take a slightly different form at the positions of the bearings.

Whenever a value of  $\Omega$  is determined by this system, a calculation of the actual deflected form of the shaft is made. The critical speeds of a large turbo-generator shaft about 29 m long, comprising

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The Calculation of Critical Speeds.... E035/E517

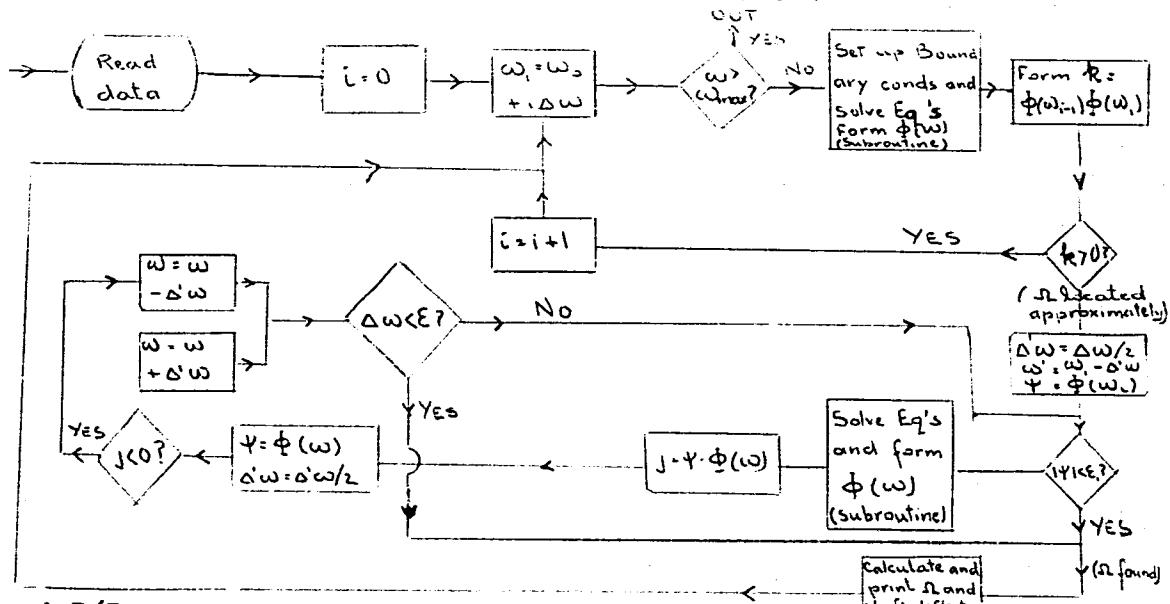
a 3-stage turbine and an alternator rotor, and supported on seven bearings, were computed on a "STRELA" (СТРЕЛА) computer. The shaft was considered to consist of 122 masses, and the finite difference equations were solved in a corresponding number of steps. The flow chart for the calculation is shown in Fig.3. In the range of speeds investigated, 0 to 3800 r.p.m., the shaft was found to have 5 critical speeds for vertical oscillation, and 6 for horizontal oscillation. One of the vertical critical speeds (2850 r.p.m.) was quite close to the running speed of the shaft (3000 r.p.m.). Two of the critical speeds, including this one, were mainly due to oscillation of the rotor, and not the turbines. A separate calculation involving only the rotor showed that its own critical speeds were little affected by the presence of the turbine. The entire calculation took only 10 to 15 minutes. There are 4 figures, 2 tables and 7 references: 5 Soviet and 2 non-Soviet.

SUBMITTED: May 12, 1960

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S/110/61/000/002/001/009  
 The Calculation of Critical Speeds... E035/E517



Card 7/7

RAYKHMAN, Adolf Borisovich; VATAZHINA, Antonina Afanas'yevna; ZELINGER,  
Ivan Ivanovich; CHENIKOV, A.P., redaktor; GABERLAND, M.I.,  
tekhnicheskiy redaktor

[Employment of disabled with injuries of the extremities in  
agriculture] Trudovoe ustroistvo v sel'skom khoziaistve invalidov  
s povrezhdeniem konechnostei. Moskva, Gos. izd-vo med. lit-ry,  
1956. 66 p.

(HANDICAPPED--EMPLOYMENT) (AGRICULTURAL LABORERS)

(MLRA 10:4)

FEDOROVA, D.; RAYKHMAN, A.

Students' research papers. Politekh. obuch. no.8:87-88 Ag '59.  
(MIRA 12:10)

1. Srednyayashkola No.157, Leningrad.  
(Technical education)

FEDOROVA, O.F.; RAYKHMAN, A.G.

Practice in assembling and dismantling in the course on mechanical  
engineering for the eighth grade. Politekh.obuch. no.11:51-56  
N '58. (MIRA 11:12)

1. Srednyaya shkola No.157 g. Leningrada.  
(Mechanical engineering--Study and teaching)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

RAYKHEMAY, A.Ya.

Presentation of tabular drawings. Standartizatsiia 24 no.3:  
37-38 Mr '60. (MIRA 13:6)  
(Mechanical drawing--Standards)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

RAYKHMAN, A.Z., inzh.; ISLAMOV, A.A., tekhn.

Preparing standard specimens for the ultrasonic control of weldments. Svar. proizv. no.1:31-32 Ja '64. (MIRA 17:1)

1. Ural'skoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey.

VENTOVOLY, J. L., GREFENHAK, V. S.; RAYKERIAN, A. Z.

Reflection of the ultrasound from an angle defect. Zav. lab. 30  
no. 11a 1955 '61  
(MIRA 18:1)

1. Identical ray tracing is also available in the technique  
of weakly destroyed rays.

RAYKHMAN, A.Z.

Measurement of the thickness of walls by the pulse technique.  
Zav.lab. 27 no.2:169-170 '61. (MIRA 14:3)

1. Gosudarstvennyy trest po organizatsii i ratsionalizatsii  
rayonnykh elektrostantsiy i setey.  
(Thickness measurement)  
(Pipe--Testing)

BALAZOVSKIY, Mikhail Yakovlevich; BORODAYEV, D.A., kand.tekhn.nauk,  
retsenzent; KOZHENVNIKOV, M.A., inzh., retsenzent; RAYKIMAN,  
A.Z., inzh., red.; YERMAKOV, N.P., tekhn.red.

[Ultrasonic flaw detection] Ul'trazvukovaia defektoskopiia.  
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.  
149 p. (MIRA 13:2)

(Metals--Defects)  
(Ultrasonic waves--Industrial applications)

ПЕХОВИ, I.N., kand.tekhn.nauk, RAYKIMAN, A.Z., inzh.; GREBENNIK, V.S., inzh.

Standardizing the sensitivity of ultrasonic flaw detectors  
in the control of welded joints. Svar,proizv, no.12:28-30 D  
1954. (MIRA 18:12)

RAYKHMAN, A.Z.; YERMOLOV, I.N.

Determining the optimum sensitivity of an ultrasonic flaw detector and standards for the evaluation of the quality of welded joints. Defektoskopija 1 no.4:65-77 '65.

(MIRA 18:12)

1. Ural'skoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey i TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.

RAYKHMAN, A.Z.

Ultrasonic control of the thermal treatment of welded steam pipe  
joints. Zav.lab. 28 no.8:966-968 '62. (MIRA 15:11)

1. Trest po organizatsii i rationalizatsii rayonnykh elektrostantsiy  
i setey, Sverdlovsk.

(Welding--Testing) (Ultrasonic testing)

S/032/61/027/002/007/026  
B134/B206

AUTHOR: Raykhman, A. Z.

TITLE: Measurement of the wall thickness by the impulse method

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 2, 1961, 169-170

TEXT: Owing to bad acoustic contact between sound pickup and tube surface, the customary ultrasonic method cannot be applied to measuring the wall thickness of small tubes with rough surface (hot-rolled tubes, surface-corroded tubes, etc.). In the present case, a method is described for determining the wall thickness (from 4 mm upward) of hot-rolled tubes by using a customary ultrasonic impulse reflection instrument and prismatic receiver sound pickups. The wall thickness is determined with two prismatic sound pickups by calculating the flow time ( $\tau$ ) of the ultrasound or the distance (b) between the sound pickups after several reflexes according to the equations  $\tau = 2(l_s/c_L^1 + \delta n/c_S^s \cos \gamma)$  and  $b = 2(\delta n \cdot \tan \gamma - b_0)$ ,  $c_L^1$  being the velocity of the longitudinal wave in plexiglas,  $c_S^s$  the velocity of the transverse wave in steel, and n the number of reflexes ( $n = 1, 2, 3, \dots$ ). ✓

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Measurement of the wall thickness...

S/032/61/027/002/007/026  
B134/B206

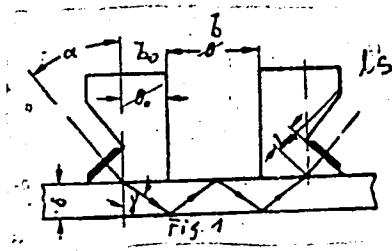
The dependence of  $b$  and  $\tau$  on the wall thickness and the number of reflexes of prismatic receiver sound pickups of the TsNIITMash (Central Scientific Research Institute of Technology and Machine Building) (dimensions  $\alpha = 40^\circ$ ,  $\beta = 51^\circ$ ,  $b_0 = 10$  mm,  $l_s = 10$  mm, see Fig. 1) was determined for  $C_L^1 = 2.82$  mm/ $\mu$ sec and  $C_S^S = 3.3$  mm/ $\mu$ sec. The diagrams obtained show that at a greater number of reflexes, smaller wall thicknesses can be measured, and the determination accuracy is also increased. It is pointed out that the receiver- and emitter sound pickups must be placed on a straight line. Since the dimensions of the sound pickups vary, a calibration diagram must always be plotted. The relative error is mentioned as being  $\pm 3.5\%$  for wall thickness measurements ( $\delta = 4-12$  mm) with a test instrument of the type Y3A-7H (UZD-7N) and a receiver sound pickup with an angle of  $\alpha = 40^\circ$  ( $n=4$ ). There are 3 figures.

ASSOCIATION: Gosudarstvennyy trest po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey (State Trust for Organization and Rationalization of rayon Power Plants and Networks)

Card 2/3

Measurement of the wall thickness...

S/032/61/027/002/007/026  
B134/B206



Card 3/3

RAYKHMAN, A.Z.

Comparative evaluation of the sensitivities of the different  
methods of flaw detection. Zav.lab. no.4:458-460 '60.  
(MIRA 13:6)

1. Ural'skoye otdeleniye Tresta po organizatsii i ratsionalizatsii  
rayonnykh elektrostantsiy i setey.  
(Nondestructive testing)

S/032/62/028/008/006/014  
B104/B102

AUTHOR: Raykhman, A. Z.

TITLE: Ultrasonic heat treatment control of weld seams on steam pipes

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 8, 1962, 966 - 968

TEXT: The ultrasonic attenuation factor in heat-treated weld seams of 1A18N12T (1Kh18N12T) austenitic steel was measured using two prismatic scanners placed on either side of the seam, with a Y3A-7H (UZD-7N) apparatus at 1.25, 1.8 and 2.5 Mc/sec. After welding the samples were annealed at 1000, 1100, 1150 and 1200°C for 2 hr. At annealing temperatures above 1150°C the attenuation factor increased with the increase of the grain size. The grain size can thus be determined by measuring the attenuation factor. In tests on steam pipes, admissible attenuation factors for basic and welded material were determined as a function of the supersonic frequency (Fig. 3). There are 3 figures. ✓

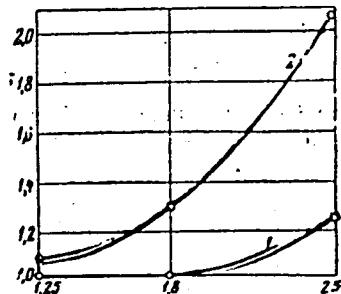
Card 1/2

Ultrasonic heat treatment ...

S/032/62/028/008/006/014  
B104/B102

ASSOCIATION: Trest po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey, Sverdlovsk (Combine for the Organization and Rationalization of District Power Stations and Networks, Sverdlovsk)

Fig. 3. Admissible attenuation factors of the basic material (curve 1) and of the welded material (curve 2) as a function of the frequency (megacycles).



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LEYFEROV, Mikhail Yakovlevich; RAYKHMAN, D.A., redaktor; SMIRNOV, L.V.,  
redaktor; NADENSKAYA, T.T., tekhnicheskiy redaktor.

[High pressure overhead sinking pump] Vysokonapernyi podvesnoi  
prokhadcheskii nasos VP-2. Moskva, Ugletekhizdat, 1956. 16 p.  
(Centrifugal pumps) (MLRA 9:5)

STREL'NIKOV, Aleksey Nikolayevich, AFRESOV, Arsen Mikhailovich, BAIKHMAN, D.A.  
otv.red.; CHECHKOV, L.V., red.izd-va.; ALADOVA, Ye.I. tekhn.red.

[Submersible motor pumps] Pogruzhye motor-nasosy. Moskva,  
Ugletekhizdat, 1958. 46 p. (MIRA 11:9)  
(Pumping machinery)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

RAYKHMAN, D.A.

Submersible pumps for 6"-wells. Vod.i san.tekh. no.9:33  
S '59. (MIRA 12:12)  
(Pumping machinery)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9

RAYKINOV, D.A.

Selecting centrifugal subsurface pumps to be used in boring  
water wells. Vod. i san. tekhn. no.8:27-28 Ag '58. (MIRK 11:9)  
(Pumping machinery)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001444410013-9"

RAYKHMAN, D.A.

The problem of frequent breakdowns in the ATN-8 artesian  
pumps. Ved. i san.tekh. no.7:32-33 O '55. (MLRA 9:2)  
(Pumping machinery)

RAYKHMAN, D.A. (Tomsk)

The VAN-4 pumps. Vod.i san.tekh. no.1:37-38 Ja '60.  
(Rotary pumps) (MIRA 13:4)

RAYKHMAN, D.A.

The problem of frequent breakdowns in the ATN-8 artesian  
pumps. Vod.i san.tekh. no.7:32-33 O '55. (MIRA 9:2)  
(Pumping machinery)

RAYKHMAN, Edmond [Reichman, Edmond], inzh.

Utilization of reed in the Danube Delta. Bum. prom. 32 no.10:2-4  
O '57. (MIRA 11:1)

1. Direktor Nauchno-issledovatel'skogo i proyektnogo instituta po  
bumage, tsellyuloze i kamyshu, Rumynskaya Narodnaya Respublika.  
(Danube Delta--Grasses) (Cellulose)

RAYKHAN, I. M.

33579. Opyt Diagnostiki I lecheniya Pervichnykh Kostnykh Sarkom Konechnostey Po Materialam  
Tsentr. Onkol. In-ta Im. P. A. Gertseva Za 25 Let (1922-1947). Poopis':  
I. M. Rakhman (!). Khirurgiya, 1949, No. 10, c. 47-53

SO: Letopis'nykh Statey, Vol. 45, Moskva, 1949

*RAYKHMAN, I.M.*

User/General Problems of Pathology. Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 5, 1958, 23153

Author : Raykhman, I.M.

Inst :

Title : On the Diagnosis and Treatment of Primary Osteosarcomas and Giant-Cell Tumors of the Extremities.

Orig Pub : Khirurgiya, 1956, No 12, 56-62

Abstract : Data are presented on 99 patients with osteosarcomas and 33 patients with giant-cell tumors. Sarcomas are encountered more frequently in males and giant-cell tumors in females. On the basis of histologic studies sarcomas were distributed as follows: Chondroosteosarcomas - 20, myxochondrosarcomas - 2, osteosarcomas - 15, Ewing's sarcomas - 4, myelomas - 3, adamantinoma - 1, polymorphocellular sarcomas - 16, small round-cell sarcomas - 7, fibrosarcomas - 5, angiosarcomas and spindle-cell sarcomas - 2. According to their location:

Card 1/2

Medical, 1954.

"The Diagnosis and Treatment of Cutaneous Sarcoma of the Extremities."  
Dr. J. S. Sri, Central Inst for the Advanced Training of Physicians, 27 Sep 54.  
(RM, 14 Sep 54)

CC: Sub A30, 27 Mar 55

RAYKHMAN, I.M., starshiy nauchnyy sotrudnik

Differentiation and treatment of primary bone sarcomas and  
gigantomas of the extremities. Khirurgiia 32 no.12:56-62 D '56.  
(MLRA 10:2)

1. Iz Gosudarstvennogo onkologicheskogo instituta imeni P.A.  
Gertseva (i.o.direktora - kandidat meditsinskikh nauk V.V.Gorodilova,  
nauchnyy rukovoditel' chlen-korrespondent AMN SSSR A.I.Savitskiy)

(BONES, neoplasms  
sarcoma & gigantoma, differ. diag.)

(SARCOMA, differ. diag.  
bones of legs)

(GIANT CELL TUMORS, differ. diag.  
bones of legs)

RAYKHMAN, I.M., starshiy nauchnyy sotrudnik

Musculoperiosteal osteomas with malignant degeneration.  
Khirurgiia 35 no.3:75-80 Mr '59. (MIRA 12:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. P.L.Sel'tsovskiy) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dots. G.N.Beletskii) na baze Moskovskoy klinicheskoy bol'nitsy No.33 imeni Ostroumova (glavnyy vrach P.V.Abashkina).

(OSTEOMA, surg.  
postop. malignant degen. of musculoperiosteal  
osteomas (Rus))

RAYKHMAN, L.M. sanitarny vrach

Case of lead food poisoning. Gig. i san no.6874-75 Je<sup>2</sup>63  
(MIRA 1784)

1. Iz sanitarno-epidemiologicheskogo otdeleniya Umanskoj rayonnoy bol'nitsy.

SHTERN, I.Ya.; FODIMAN, I.V.; RAYKHMAN, N.M.

Pigment dyeing of fabrics. Tekst.prom. 22 no.1:62-64 Ja '62.  
(MIRA 15:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut organicheskikh  
poluproduktov i krasiteley.  
(Textile fabrics) (Dyes and dyeing)